

# FREIGHT

INFO

## Freight Shipments To, From, and Within Michigan

The following tables summarize data from the new and improved version of the Freight Analysis Framework (FAF<sup>2</sup>). FAF<sup>2</sup> integrates data from several sources to estimate commodity flows and related freight transportation activity among major metropolitan areas, states, regions, and international gateways. FAF<sup>2</sup> data should not be compared with the original FAF data because estimation methods have been improved and data coverage is more complete. Additional information is available at [www.ops.fhwa.dot.gov/freight/freight\\_analysis/faf](http://www.ops.fhwa.dot.gov/freight/freight_analysis/faf).

### Shipments by Mode: 2002

Tons (millions)						Value (\$ millions)						
Within State			From State		To State		Within State		From State		To State	
Number Percent			Number Percent		Number Percent		Number Percent		Number Percent		Number Percent	
Total	349.3	100	138.9	100	263.7	100	231,954.3	100	241,383.8	100	238,536.6	100
Truck	275.8	79	87.0	63	87.1	33	209,553.1	90	171,318.7	71	145,907.6	61
Rail	6.5	2	16.0	12	41.3	16	389.0	<1	19,513.4	8	39,978.2	17
Water	15.3	4	12.3	9	0.3	<1	231.5	<1	353.7	<1	21.0	<1
Air, air & truck	<0.1	<1	0.1	<1	<0.1	<1	14.8	<1	2,451.5	1	1,576.9	<1
Truck & rail	<0.1	<1	2.1	2	0.8	<1	20.8	<1	17,961.9	7	1,708.3	<1
Other intermodal <sup>1</sup>	4.1	1	8.6	6	4.6	2	6,528.7	3	19,748.9	8	15,079.2	6
Pipeline & unknown <sup>2</sup>	47.5	14	12.7	9	129.5	49	15,216.5	7	10,035.8	4	34,265.4	14

<sup>1</sup>Other intermodal includes U.S. Postal Service and courier shipments and all intermodal combinations other than truck and rail and air and truck; <sup>2</sup>Pipeline and unknown shipments are combined because data on region-to-region flows by pipeline are statistically uncertain. Note: Numbers may not add to totals due to rounding.

### Top Commodities: 2002

Tons (millions)				Value (\$ millions)			
Within State		From State		To State		Within State	
Total	349.3	Total	138.9	Total	263.7	Total	231,954.3
Gravel	41.1	Coal, n.e.c. <sup>1</sup>	17.5	Coal, n.e.c. <sup>1</sup>	94.7	Motorized vehicles <sup>2</sup>	51,767.8
Gasoline	35.2	Motorized vehicles <sup>2</sup>	13.1	Crude petroleum	33.3	Machinery	41,868.1
Waste/scrap	30.2	Gravel	12.1	Coal	20.7	Mixed freight	21,241.1
Coal, n.e.c. <sup>1</sup>	29.3	Base metals <sup>3</sup>	9.5	Motorized vehicles <sup>2</sup>	17.6	Unknown	10,911.5
Cereal grains	23.3	Other foodstuffs	9.5	Base metals <sup>3</sup>	13.2	Coal, n.e.c. <sup>1</sup>	10,181.4
						Furniture	10,202.9
						Electronics	10,127.0
						Mixed freight	9,334.8

<sup>1</sup>Coal and petroleum products, not elsewhere classified; <sup>2</sup>Motorized and other vehicles (including parts); <sup>3</sup>Base metal in primary or semi-finished forms and in finished basic shapes.

### Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
Number	Percent		Number	Percent	
<b>Total</b>	<b>402.6</b>	<b>100</b>	<b>Total</b>	<b>479,920.4</b>	<b>100</b>
<b>Foreign</b>	62.8	16	<b>Foreign</b>	115,105.9	24
<b>Domestic</b>	339.7	84	<b>Domestic</b>	364,814.4	76
<b>Ohio</b>	69.7	17	<b>Ohio</b>	61,509.3	13
<b>Indiana</b>	45.3	11	<b>Illinois</b>	41,800.5	9
<b>Texas</b>	43.9	11	<b>Indiana</b>	38,513.1	8

Note: Numbers may not add to totals due to rounding.

**For more information, please contact**

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U.S. Department  
of Transportation

**Freight Analysis Framework**

**Federal Highway  
Administration**

FHWA-HOP-06-037  
EDL 14203

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